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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

COUNTRY	East Germany	REPORT NO.	<input type="text"/>	25X1A
SUBJECT	Production and Deliveries of Large Transmitting Tubes at the Werk fuer Fernmeldewesen HF (OSW)	DATE DISTR.	15 October 1953	
DATE OF INFO.	<input type="text"/>	NO. OF PAGES	1	
PLACE ACQUIRED	<input type="text"/>	REFERENCE NO.	<input type="text"/>	25X1A
	25X1A	REFERENCES		

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

SOURCE: 25X1X

1. The Werk HF in Berlin-Oberschoeneweide produces large-type transmitting tubes of types RS 566 (factory No. HF-3113), RS 588 (factory No. HF-3114), and RS 255 (factory No. 3115). Up to late 1951, RS 566 type tubes were nearly exclusively delivered to transmitting stations of the Deutsche Post¹ and Funkwerk Koepenick. No information was available whether tubes were exported. On 15 February 1953, the 200th RS 566 type tube was completed since the end of the war. Tabulation on the service life of tubes, forwarded to Werk HF by Funkamt Koenigswusterhausen prior to May 1953, did not include 25 tubes delivered to the Deutsche Post.
2. Export orders for large transmitting tubes given to the works after early 1952 included 10 and 2 RS 566 type tubes delivered to Poland and Hungary respectively in February 1953. In April, an order for 20 RS 566 type tubes was received from Poland. The output of transmitting tubes was considerably enlarged.
3. While the plant guaranteed a service life of 500 hours for RS 566 type tubes, the actual service life averaged 3,000 hours, a maximum service life obtained so far being 8,000 hours. This very high service life was made possible by the good quality of the anode copper which contained no protoxide, and by thoriat-ing the filament. The reject rate of about 28 percent was mainly caused by leakages at the copper-glass connections.

25X1A 1. Comment: It is probable that the East German Ministry for Post and Telecommunications is meant.

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